

**Response of  
Wisconsin Power and Light Company  
to  
The Public Service Commission of Wisconsin  
Data Request No. 3.20**

Docket Number: 05-CE-137  
Date of Request: March 11, 2009  
Information Requested By: Ken Detmer  
Date Responded: March 30, 2009  
Author: Eric Guelker  
Author's Title: Mgr Environmental Services  
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Witness: (If other than Author)

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Public Service Commission of Wisconsin  
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**Data Request No. 3.20:**

Provide updated answer to the following question asked in the NED1, 2 FGD case: ND 01.21 Provide estimated emissions from each unit in tons per year of the WP&L fleet for SO<sub>x</sub>, NO<sub>x</sub>, Hg, and CO<sub>2</sub> for the next ten years. List milestones where the installation of any equipment will impact the amounts emitted.

**Response:**

Estimated emissions from each unit in tons per year for SO<sub>2</sub>, annual NO<sub>x</sub>, ozone season NO<sub>x</sub> and CO<sub>2</sub> and pounds per year for Hg for the next ten years are shown under the section labeled "Annual Emissions" on the respective plans for SO<sub>2</sub>, annual NO<sub>x</sub>, ozone season NO<sub>x</sub>, CO<sub>2</sub> and mercury in **Confidential** Attachment 03.20. Milestones where installation of equipment will impact the amounts emitted are shown under the section labeled "Emission Control Reduction Factors." This section shows the type and timing of installed emissions controls and the resulting relative change in emissions.